Gratiot County Panning and Permits Office
Gratiot County Courthouse
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Pole Structure Requirements

1. **Pole type structures shall have a minimum of 4x6 poles with .60 treatment.**
2. **All poles shall be set on concrete and a minimum of 42″ below finish grade.**
3. **Structures 32′(+) wide shall have 6x6 poles.**
4. **Pole Structures with walls greater than 10′ in height shall have 6x6 poles or provide engineering.**
5. **All pole buildings greater than 24′ in width, with a shingle roof and trusses 24″ on center shall have a minimum of 2-12x12 carriers.**
6. **All pole structures with storage lofts shall have double carriers or engineered drawings specifying size of carriers and nailing schedule.**
7. **Pole buildings over 40′ in width shall be engineered and provide sealed drawings.**
8. **Footings must be poured "in-place" (no precast cookies are allowed).**
9. **Construction drawings are required to obtain a building permit regardless of how "typical" the building is.**

Post Footing Requirements				
Building Width	Sand	Mix	Clay	Carriers (8″c.c)
24′	24″	18″	16″	2 - 2 x 10
26′	24″	20″	16″	2 - 2 x 12
28′	24″	20″	18″	2 - 2 x 12
30′	24″	20″	18″	2 - 2 x 12
32′	24″	20″	18″	2 - 2 x 12
34′	24″	24″	20″	2 - 2 x 12
36′	24″	24″	20″	2 - 2 x 12
38′	24″	24″	20″	2 - 2 x 12
40′	24″	24″	20″	2 - 2 x 12
Over 40′ Requires Engineering				
Post Pad Thickness+ ½ the Diameter of the Required Hole				

Note: Concrete for the footings must be mixed prior to placing in the hole dry mixing is not an accepted practice.

This list of requirements is intended to assist the permit applicant. The information on this sheet is not an inclusive list. The Michigan Residential and Building Code contains more information that impacts these types of projects.